

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Amended) Elevator emergency stop device for an elevator cage guided on a guide rail, comprising:

a wedge-shaped element that effects an emergency stop of said elevator cage by frictional force by means of a contact face of a sliding part thereof being pressed against said guide rail,

wherein said wedge-shaped element comprises a mechanism whereby a dimension of said wedge-shaped element in the direction perpendicular to said contact face is changed in accordance with braking force to maintain the braking force at a substantially constant level.

2. (Currently amended) ~~Elevator emergency stop device according to claim 1,~~

Elevator emergency stop device for an elevator cage guided on a guide rail,
comprising:

a wedge-shaped element that effects an emergency stop of said elevator cage
by frictional force by means of a contact face of a sliding part thereof being pressed
against said guide rail,

wherein said wedge-shaped element comprises:

a mechanism whereby a dimension of said wedge-shaped element in the direction perpendicular to said contact face is changed in accordance with braking force to maintain the braking force at a substantially constant level, the mechanism comprising

a fixed part having an outside inclined face part of said wedge-shaped element; and

a wedge-shaped moveable part having said sliding part;
said moveable part being moveable along an inside inclined face part of said fixed part and an upper part thereof being engaged with said fixed part by means of a resilient element.

3. (Original) Elevator emergency stop device according to claim 2, wherein in said wedge-shaped element said fixed part and said resilient element, and said resilient element and said moveable part are engaged by means of respective sliding elements between said resilient element and said moveable element and between said resilient element and said fixed element.

4. (Original) Elevator emergency stop device according to claim 2 or 3, wherein in said resilient element a relationship between a load and a flexure is such that said flexure is small or zero up to a prescribed load and above said prescribed load said relationship between said load and said flexure is a practically proportional relationship.

5. (Original) Emergency stop device according to claim 4,
wherein said resilient element comprises a piston in which is sealed gas that is
given an initial pressure.